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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/745,702	12/21/2000	Nabil Enrique Salman	8384P	9701

27752 7590 11/01/2004

THE PROCTER & GAMBLE COMPANY  
INTELLECTUAL PROPERTY DIVISION  
WINTON HILL TECHNICAL CENTER - BOX 161  
6110 CENTER HILL AVENUE  
CINCINNATI, OH 45224

EXAMINER

TRUONG, THANH K

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 11/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/745,702	<b>Applicant(s)</b> SALMAN ET AL.	
	<b>Examiner</b> Thanh K Truong	<b>Art Unit</b> 3721	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 August 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,6-10 and 12-20 is/are pending in the application.  
     4a) Of the above claim(s) 12-20 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 6-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 August 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
     a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This action is in response to applicant's amendment received on August 20, 2004.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 and 6-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Richards et al. (4,869,049) in view of Hamilton et al (5,662,758) and W. E. Meissner (3,111,796).

Richards discloses an apparatus comprising: a body formed by an inner core having an inlet opening and an outlet opening and a passageway there between (figures 1, 4 & 5); a casing 1 comprising a surrounding casing wall, a storage space to retain a length of the flexible tubular sheet 2 within the storage space in a layered stack; the tubular sheet is gathered and closed at each end to form a closed packaged article 35 (figure 1); a means 61 comprises a slot for separating the closed packaged article; and the cutting blade 64 (figure 6).

Richards further discloses the article to be packaged is a waste-filled disposable absorbent article (column 2, lines 42-44); a cap 31 and a handle 68.

Richards discloses the claimed invention, but does not expressively disclose that the tubular sheet comprises the adhesive material.

W. E. Meissner discloses, in an invention for closing and sealing a container, that: "for closing and sealing a collapsible container by rupturing a bubble of tacky film-forming material at least within the opening end of the container as that portion of the container is urged into collapsed position" (column 1, lines 31-35). Figure 5 further depicting the closing and sealing of a flexible bag by twisting the bag at the area 53. During this twisting operation, the bubble ruptured and coated the inner wall of the bag with adhesive (column 5, lines 48-55).

Hamilton discloses a flexible film having pressure sensitive adhesive protected from inadvertent adherence (abstract); the flexible film having a recessed pressure sensitive adhesive and collapsible protrusions (three-dimensional film) which serve as stand-off to prevent premature sticking to wide variety of rigid and resilient target surfaces, wherein the collapsible protrusions are small and closely spaced for releasable sealing of the composite material to such surfaces or even to itself (column 3, lines 20-26).

W. E. Meissner's teaching provides a motivation for the practitioner in the art to find a flexible material to use as a bag in which the inner surface is coated with adhesive, and when pressure is applied such as twisting, the adhesive material ensures the sealing of the closure of the bag.

Therefore, it would have been obvious to one having ordinary skill in the art, at the time applicant's invention was made, to modify Richards' tubular sheet by applying

the flexible film with adhesive as taught by Hamilton providing an effective closing and sealing of the waste-filled article in which the flexible material having pressure sensitive adhesive that is protected from inadvertent adherence to other surfaces.

Regarding to claim 10, the modified Richards discloses the claimed invention, but does not expressly disclose that the shape of the outlet opening and a portion of the passageway are oval.

It would have been an obvious matter of design choice to make the outlet opening and a portion of the passageway in an oval shape.

Since Applicant's disclosure submitted that the shape of either or both the inlet and outlet opening can be circular, or oval (page 4, lines 14-16), therefore, the apparatus of the present invention would perform equally well with the outlet opening of a circular shape. Thus, the oval shape outlet opening would have been an obvious variation of the present invention.

### ***Response to Arguments***

4. Applicant's arguments filed August 20, 2004 have been fully considered but they are not persuasive.

In response to Applicant's argument that there is no suggestion to combine the references, the Examiner recognizes that references cannot be arbitrarily combined and that there must be some reason why one skilled in the art would be motivated to make the proposed combination of primary and secondary references. *In re Nomiya*, 184 USPQ 601 (CCPA 1915). However, there is no requirement that a motivation to make

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the modification be expressly articulated. The test for combining references is what the combination of disclosures take as a whole would suggest to one of ordinary skill in the art. *In re McLaughlin*, 110 USPQ 209 (CCVA 1971). References are evaluated by what they suggest to one versed in the art, rather than by their specific disclosures. *In re Bozek*, 163 USPQ 545 (CCPA. 1969).

In this case, as mentioned above in paragraph 3 of this office action, Richards discloses an apparatus that uses flexible tubing to package waste material as the Applicant's claimed invention, except for the tubular sheet comprises the adhesive material.

Hamilton discloses a flexible film having pressure sensitive adhesive protected from inadvertent adherence. Hamilton teaching suggests that this flexible film when ruptures will provide the adhesive within the film for sealing purposes, such as sealing to produce an air tight packages.

Meissner's reference was relied upon to demonstrate that it is known in the art to employ flexible material that when it is ruptured, the adhesive contain within the flexible material provides the sealing agent to produce a sealed package. Meissner's reference providing a link to suggests that one having ordinary skill in the art would combine the teaching of Richards and Hamilton to achieve what is claimed by the present invention.

Therefore, it would have been obvious for one having ordinary skill in the art, at the time applicant's invention was made, to have modified Richards apparatus by applying the Hamilton flexible film having pressure sensitive adhesive protected from inadvertent adherence.

**Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

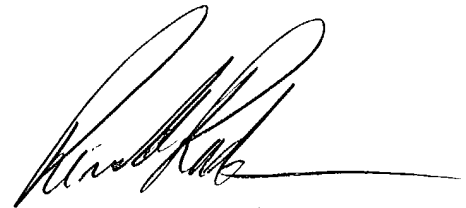
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh K Truong whose telephone number is (703) 605-0423. The examiner can normally be reached on Mon-Thurs from 8:00 AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi I Rada can be reached on (703) 308-2187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tkt  
October 21, 2004.

A handwritten signature in black ink, appearing to read 'Rinaldi I. Rada', with a long horizontal flourish extending to the right.

**Rinaldi I. Rada**  
**Supervisory Patent Examiner**  
**Group 3700**